

ANNOTATED SHEET**Fig. 3**

c3-2-2	(SEQ ID NO: 16)	LDTTNVSGPMSS
c3-2-3	(SEQ ID NO: 3)	RKLPDAPGMHTW
c3-2-4	(SEQ ID NO: 3)	RKLPDAPGMHTW
c3-2-5	(SEQ ID NO: 17)	SYRLPVYHLALL
c3-2-6	(SEQ ID NO: 3)	RKLPDAPGMHTW
c3-2-7	(SEQ ID NO: 3)	RKLPDAPGMHTW
c3-2-8	(SEQ ID NO: 18)	SDPNQDWRRTP
c3-2-9	(SEQ ID NO: 3)	RKLPDAPGMHTW
c3-2-10	(SEQ ID NO: 3)	RKLPDAPGMHTW
c3-2-12	(SEQ ID NO: 19)	LPSQLLSQVNLT
c3-2-13	(SEQ ID NO: 3)	RKLPDAPGMHTW
c3-2-14	(SEQ ID NO: 3)	RKLPDAPGMHTW
c3-2-15	(SEQ ID NO: 3)	RKLPDAPGMHTW
c3-2-16	(SEQ ID NO: 3)	RKLPDAPGMHTW
c3-2-17	(SEQ ID NO: 3)	RKLPDAPGMHTW
c3-2-18	(SEQ ID NO: 3)	RKLPDAPGMHTW
c3-2-19	(SEQ ID NO: 20)	LCANNTTSVHPP
c3-2-20	(SEQ ID NO: 3)	RKLPDAPGMHTW
c3-2-21	(SEQ ID NO: 21)	MQMEGKPTLTLR
c3-2-22	(SEQ ID NO: 3)	RKLPDAPGMHTW
c3-2-23	(SEQ ID NO: 3)	RKLPDAPGMHTW
c3-2-25	(SEQ ID NO: 3)	RKLPDAPGMHTW
c3-2-29	(SEQ ID NO: 22)	STLKNPINLLAN
c3-2-30	(SEQ ID NO: 3)	RKLPDAPGMHTW
c3-2-31	(SEQ ID NO: 3)	RKLPDAPGMHTW
c3-2-33	(SEQ ID NO: 3)	RKLPDAPGMHTW
c3-2-34	(SEQ ID NO: 3)	RKLPDAPGMHTW
c3-2-36	(SEQ ID NO: 3)	RKLPDAPGMHTW
c3-2-39	(SEQ ID NO: 3)	RKLPDAPGMHTW
c3-2-40	(SEQ ID NO: 3)	RKLPDAPGMHTW
c3-2-41	(SEQ ID NO: 3)	RKLPDAPGMHTW
c3-2-42	(SEQ ID NO: 3)	RKLPDAPGMHTW
c3-2-43	(SEQ ID NO: 23)	SCHVYWDSCSSP
c3-2-45	(SEQ ID NO: 3)	RKLPDAPGMHTW
c3-2-46	(SEQ ID NO: 3)	RKLPDAPGMHTW
c3-2-47	(SEQ ID NO: 3)	RKLPDAPGMHTW
c3-2-48	(SEQ ID NO: 3)	RKLPDAPGMHTW
c3-2-49	(SEQ ID NO: 3)	RKLPDAPGMHTW
c3-2-50	(SEQ ID NO: 22)	STLKNPINLLAN
c3-2-51	(SEQ ID NO: 3)	RKLPDAPGMHTW
c3-2-52	(SEQ ID NO: 3)	RKLPDAPGMHTW
c3-2-55	(SEQ ID NO: 24)	QDMIRTSALMLQ
c3-2-56	(SEQ ID NO: 3)	RKLPDAPGMHTW

ANNOTATED SHEET**Fig. 4**

c3-4-2	(SEQ ID NO: 25)	CTSPTSVDC
c3-4-3	(SEQ ID NO: 26)	CTPSPHQGC
c3-4-4	(SEQ ID NO: 27)	CHTAPLPRC
c3-4-5	(SEQ ID NO: 26)	CTPSPHQGC
c3-4-6	(SEQ ID NO: 28)	CHGATPQNC
c3-4-7	(SEQ ID NO: 29)	CSGHNPTHC
c3-4-8	(SEQ ID NO: 25)	CTSPTSVDC
c3-4-9	(SEQ ID NO: 26)	CTPSPHQGC
c3-4-11	(SEQ ID NO: 30)	CPMWQAQQC
c3-4-12	(SEQ ID NO: 31)	CGVYSMSHC
c3-4-13	(SEQ ID NO: 32)	CDMLTPRSC
c3-4-15	(SEQ ID NO: 25)	CTSPTSVDC
c3-4-16	(SEQ ID NO: 33)	CLRLQSQDC
c3-4-17	(SEQ ID NO: 34)	CQITWHHTC
c3-4-19	(SEQ ID NO: 26)	CTPSPHQGC
c3-4-21	(SEQ ID NO: 35)	CSAHHHDKC
c3-4-22	(SEQ ID NO: 26)	CTPSPHQGC
c3-4-23	(SEQ ID NO: 36)	CMTKNPLNC
c3-4-24	(SEQ ID NO: 26)	CTPSPHQGC
c3-4-25	(SEQ ID NO: 26)	CTPSPHQGC
c3-4-26	(SEQ ID NO: 26)	CTPSPHQGC
c3-4-27	(SEQ ID NO: 25)	CTSPTSVDC
c3-4-28	(SEQ ID NO: 36)	CMTKNPLNC
c3-4-29	(SEQ ID NO: 37)	CKTSLPTTC
c3-4-30	(SEQ ID NO: 38)	CVSTYWKT
c3-4-31	(SEQ ID NO: 25)	CTSPTSVDC
c3-4-32	(SEQ ID NO: 25)	CTSPTSVDC

ANNOTATED SHEET**Fig. 8**

R1A (<u>SEQ ID NO: 4</u>):	AGGCAGCTTCGAGAGTGAGAAATAG
K2A (<u>SEQ ID NO: 5</u>):	CATCAGGCAGCGCCCGAGAGTGAG
L3A (<u>SEQ ID NO: 6</u>):	GGAGCATCAGGCGCCCTTCCGAGAG
P4A (<u>SEQ ID NO: 7</u>):	CCGGGAGCATCAGCCAGCTTCCGAG
D5A (<u>SEQ ID NO: 8</u>):	ATCCCAGGAGCAGCAGGAGCTTC
P7A (<u>SEQ ID NO: 9</u>):	GTATGCATCCCGGCAGCATCAGGCA
G8A (<u>SEQ ID NO: 10</u>):	AGTATGCATCGCGGGAGCATCAGG
M9A (<u>SEQ ID NO: 11</u>):	CCCCAAGTATGCGCCCCGGGAGCATC
H10A (<u>SEQ ID NO: 12</u>):	TCCACCCCAAGTAGCCATCCGGGA
T11A (<u>SEQ ID NO: 13</u>):	TCCACCCCAAGCATGCATCCGG
W12A (<u>SEQ ID NO: 14</u>):	AACCTCCACCCGCACTATGCATC
<u>Δ7-12F</u> (<u>SEQ ID NO: 51</u>):	GGAGGATCCGCCGAAACTGTTGAAAGTTG
<u>Δ7-12R</u> (<u>SEQ ID NO: 52</u>):	GGGGGATCTCCACCAGCATCAGGAGCTCCGAG
K2AΔ7-12R (<u>SEQ ID NO: 53</u>):	GGGGGATCTCCACCAGCATCAGGAGCGCCCGAG
Ala insert (<u>SEQ ID NO: 54</u>):	AGCATCAGGCAGCTCCGTGCAGAGTGAGAATAGAAAGG